

CLAIM AMENDMENTS

1 1. (currently amended) A sleeve heater comprising:
2 an electrical and generally cylindrical heater coil
3 centered on an axis and shaped to fit over a part to be heated;
4 a radially compressible and generally cylindrical inner
5 sleeve snugly coaxially externally surrounding the heater coil and
6 radially inwardly bearing on the coil; and
7 a radially generally inextensible and generally cylindri-
8 cal outer sleeve fitted coaxially over the inner sleeve and having
9 an inner surface bearing tightly radially inward on the inner
10 sleeve and radially compressing the inner sleeve and the coil
11 inward.

1 2. (original) The electrical sleeve heater defined in
2 claim 1 wherein the inner sleeve is formed with at least one
3 axially open and extending slot.

1 3. (original) The electrical sleeve heater defined in
2 claim 1 wherein the inner sleeve is formed with two axially extend-
3 ing and axially oppositely open slots.

1 4. (original) The electrical sleeve heater defined in
2 claim 3 wherein the slots are angularly equispaced.

1 5. (original) The electrical sleeve heater defined in
2 claim 1 wherein the inner sleeve has an axially outwardly flared
3 outer surface engageable with an end of the outer sleeve.

1 6. (original) The electrical sleeve heater defined in
2 claim 5 wherein the outer surface is about 10 mm long.

1 7. (original) The electrical sleeve heater defined in
2 claim 1 wherein the outer sleeve has an axially tapered inner
3 surface axially engageable with an end of the inner sleeve.

1 8. (original) The electrical sleeve heater defined in
2 claim 7 wherein the tapered inner surface is about 10 mm long.

1 9. (original) The electrical sleeve heater defined in
2 claim 1 wherein the inner sleeve has an end formed with a radially
3 inwardly projecting rim.

1 10. (original) The electrical sleeve heater defined in
2 claim 1 wherein the outer sleeve has a radially inwardly projecting
3 rim.

1 11. (original) The electrical sleeve heater defined in
2 claim 1 wherein the inner sleeve has an axially outwardly project-
3 ing tab and the outer sleeve is formed with a cutout in which the
4 tab fits when the sleeves are fitted together.

1 12. (original) The electrical sleeve heater defined in
2 claim 1 wherein the inner sleeve is formed with a radially through-
3 going holes, the coil having ends extending through the hole.

1 13. (original) The electrical sleeve heater defined in
2 claim 1 wherein both sleeves are of metal.

1 14. (original) The electrical sleeve heater defined in
2 claim 1 wherein the inner sleeve has an outside diameter and the
3 outer sleeve has an inside diameter that is smaller than the inner-
4 sleeve outside diameter, whereby when the outer sleeve is fitted
5 over the inner sleeve it radially compresses the inner sleeve.